

CLAIM AMENDMENTS

Claim 1 (currently amended):

A miter saw comprising:

- a base assembly defining a cutting zone;
- a motor assembly associated with the base assembly and including an arbor rotatable about an elongate central axis;
- a blade mounted on the arbor and configured to selectively cut workpieces in the cutting zone; and
- a safety system including one or more support arms and a braking mechanism having at least one brake member adapted to engage the blade, where the brake member is coupled to the one or more support arms, and where the one or more support arms are configured to move the brake member in a substantially arcuate path about the elongate central axis of the arbor.

Claim 2 (withdrawn):

The miter saw of claim 1, further comprising a fastener configured to fasten the blade to the arbor, and where at least one of the one or more support arms includes an opening configured to facilitate installation of the fastener.

Claim 3 (original):

The miter saw of claim 1, further comprising a pivot arm assembly configured to couple the motor assembly to the base assembly, where the pivot arm assembly may be pivoted toward and away from the cutting zone, and where the one or more support arms are configured to move the brake member about the elongate central axis of the arbor as the pivot arm assembly is pivoted toward and away from the cutting zone.

Claim 4 (original):

The miter saw of claim 3, where the one or more support arms are configured to move the brake member in a direction generally opposite to the direction in which the pivot arm assembly is pivoted.

Claim 5 (original):

The miter saw of claim 3, further comprising one or more linkage assemblies configured to couple the one or more support arms to a portion of the base assembly.

Claim 6 (original):

The miter saw of claim 5, where the blade has angular momentum when rotating, and where the brake member is configured to transfer at least a portion of the angular momentum of the blade to the one or more support arms.

Claim 7 (original):

The miter saw of claim 6, where the one or more linkage assemblies are configured to transfer at least a portion of the angular momentum of the blade from the one or more support arms to the base assembly.

Claim 8 (withdrawn):

The miter saw of claim 1, where the safety system includes a detection system configured to detect accidental contact between a person and the blade, and where the brake member is configured to engage and stop the rotation of the blade if the detection system detects such contact.

Claim 9 (withdrawn):

The miter saw of claim 1, further comprising a housing configured to cover at least a portion of the blade, and where the support arms are configured to selectively move the brake member into and out of the housing.

Claims 10-20 (withdrawn).**BEST AVAILABLE COPY**